

1204

#2 OIPE

RAW SEQUENCE LISTING

DATE: 10/19/2001

PATENT APPLICATION: US/09/970,966

TIME: 10:49:40

Input Set : A:\484c6.app

Output Set: N:\CRF3\10192001\I970966.raw

4 <110> APPLICANT: Stolk, John A.
5 Molesh, David Alan
6 Fling, Steven P.
7 Xu, Jiangchun

10 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
11 AND DIAGNOSIS OF OVARIAN CANCER

14 <130> FILE REFERENCE: 210121.484C6

C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/970,966 OK
17 <141> CURRENT FILING DATE: 2001-10-02
19 <160> NUMBER OF SEQ ID NOS: 215
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 396
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
28 <220> FEATURE:
29 <221> NAME/KEY: misc_feature
30 <222> LOCATION: 303, 370, 377, 382
31 <223> OTHER INFORMATION: n = A,T,C or G
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35 agtcagaact ggttttatca gcagtttgat cttctgaggt ctggtatgta gtttgctggc 120
36 ccacagaacc ttcacgtgta ttcacagcct caatgccata aggaaactct tttagaagtt 180
37 ctgacagctg gtcatgtagg tataagacag gtgccttatc actgtggatt tcatttcttg 240
38 caggatcttg gggagtatag ttgctggatg catctatttc ctgagggtaa atatectcct 300
W--> 39 ggnctgacgcy gccgctcgag tctagagggc ccgtttaaac ccgctgatca gcctcgactg 360
W--> 40 tgccttctan ttgccancca tntgttgttt gccctt OK 396
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 396
44 <212> TYPE: DNA
45 <213> ORGANISM: Homo sapiens
47 <400> SEQUENCE: 2
48 cgaccaaataa gtaaaactcca agtgaacatc aaatcaaatac taatcctttt gccacatga 60
49 ctggttggttc tttatctcat agttacaatg aatcatataa actgtagact gccactacca 120
50 cgatacttct gtgacacaga aggaatgtcc tatttgcccta tctatctgag gaatgttaaa 180
51 tagagaaaaa tagattataa aacaacctgg aggtcacagg attctgagat aatccctctg 240
52 ttaaaaaaca tctgaacagc aaatgtccaa tctgtaataa aatagttaaa ggtccaagtc 300
53 aagtcactt ctacttggct ggcccagcac aagaaatcta acagcacttt gtaatcattt 360
54 tgccttttcta attttcccgg aggacatggg ccattg 396
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 396
58 <212> TYPE: DNA
59 <213> ORGANISM: Homo sapiens
61 <220> FEATURE:
62 <221> NAME/KEY: misc_feature
63 <222> LOCATION: 22, 28, 29, 30, 33, 36, 41, 43, 45, 46, 53, 56, 58, 61, 64,
64 69, 70, 74, 75, 78, 83, 84, 85, 102, 143, 335

Non Entered

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Input Set : A:\484c6.app

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65 <223> OTHER INFORMATION: n = A,T,C or G

67 <400> SEQUENCE: 3

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W--> 69 naancccaann cccnnggnac cannnccagg agttgggtgg anactgagtg gggtttgtgt 120
W--> 70 gggtagagggg gcatctactc ctnttgcaac aagccaaaag tagaacagcc taaggaaaag 180
71 tgacctgcct tggagcctta gtccctccct tagggccccc tcagcctacc ctatccaagt 240
72 ctgaggctat ggaagtctcc ctccctagttc actagcaggt tccccatctt ttccaggctg 300
W--> 73 cccctagcac tccacgtttt tctgaaaaaa tctatcacagg cccttttttg gtacctaaaa 360
74 cccagctgag gttgtgagct tgtaaggtaa agcaag 396
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 396
78 <212> TYPE: DNA
79 <213> ORGANISM: Homo sapiens
81 <220> FEATURE:
82 <221> NAME/KEY: misc_feature
83 <222> LOCATION: 13, 15, 21, 27, 34, 37, 41, 57, 58, 59, 63, 64, 71, 72, 77,
84 78, 83, 87, 93, 170, 207, 210, 308, 379, 382, 389, 391,
85 392, 393, 395

86 <223> OTHER INFORMATION: n = A,T,C or G

88 <400> SEQUENCE: 4

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W--> 90 gtnnacctcc ninctgnnag ccttatntcc aanatcaccc accgtatcca ctgggaatct 120
W--> 91 gccagcctcc tgcgatcaga agagaccaat cgaaaatgag ggtttcacan tcacagctga 180
W--> 92 aggaaaaggc caaggcacct tgtcggnggn gacaatgtac catgctaagg ccaaagatca 240
93 actcacctgt aataaattcg acctcaaggt caccataaaa ccagcaccgg aacagaaaaa 300
W--> 94 gaggcctnag gatgcccaag aaacactttt gatcctttga aaactgtacc aagggtaccg 360
W--> 95 ggggagaccg aggaaaggnc ctttatgtnt nnnntnt 396

97 <210> SEQ ID NO: 5

98 <211> LENGTH: 396

99 <212> TYPE: DNA

100 <213> ORGANISM: Homo sapiens

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103 <221> NAME/KEY: misc_feature

104 <222> LOCATION: 135, 172, 343, 348, 354, 395

105 <223> OTHER INFORMATION: n = A,T,C or G

107 <400> SEQUENCE: 5

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109 gatcttcacg ggcacagggg ccaactgagac gtttctgect cctcttttct tcctccgctc 120
W--> 110 tttctcttcc ctctgttta gtttgectgg gagcttgaaa ggagaaagca cnggggtcgc 180
111 cccaaacctt tctgtcttct gcccatcaca agtgccacta ccgcatggg cctcactatc 240
112 tctcctctct tctcccgact atttggcaag aagcagatgc gcattttgat ggttgattg 300
W--> 113 gatgctgctg gcaagacaac cattcttgat aaactgaaag tanggganat aaghnaccacc 360
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117 <211> LENGTH: 396

118 <212> TYPE: DNA

119 <213> ORGANISM: Homo sapiens

121 <220> FEATURE:

122 <221> NAME/KEY: misc_feature

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123 <222> LOCATION: 212
124 <223> OTHER INFORMATION: n = A,T,C or G
126 <400> SEQUENCE: 6
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128 ctcccgtgaa gatgtccact ccagaccac ccctgggagg aactcctcgg ccaggtcctt 120
129 ccccgggccc tgcccttccc ctggagccat gctgggccc agcccggtc cctcgccggg 180
W--> 130 ctccgcccac agcatgatgg ggcccagccc anggggccgccc ctcagcagga caccatcc 240 OK
131 ccaccagggg gcctggaggg taccctcagg acaacatgca ccagatgcac aagcccatgg 300
132 agtccatgca tgagaagggc atgtcggacg acccgcgcta caaccagatg aaaggaatgg 360
133 ggatgcggtc agggggccat gctgggatgg ggcccc 396
135 <210> SEQ ID NO: 7
136 <211> LENGTH: 396
137 <212> TYPE: DNA
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 7
141 acccgagagt cgtcggggtt tctgtcttca acagtgttg gacggaaccc ggcgctcggtt 60
142 cccacccccg gccggccgcc catagccagc cctccgtcac ctcttcaccg caccctcgga 120
143 ctgcccgaag gccccgcgcg ccgctccagc gccgcgcagc caccgcgcgc gccgcgcgct 180
144 ctctttagtc gccgccatga cgaccgcgtc caccctcgag gtgcgccaga actaccacca 240
145 ggactcagag gccgccatca accgccagat caacctggag ctctacgcct cctacgttta 300
146 cctgtccatg tcttactact ttgaccgca tgatgtggct ttgaagaact ttgcaaata 360
147 ctttcttcac caatctcatg aggagaggga acatgc 396
149 <210> SEQ ID NO: 8
150 <211> LENGTH: 396
151 <212> TYPE: DNA
152 <213> ORGANISM: Homo sapiens
154 <400> SEQUENCE: 8
155 cgacaacaag gttaatacct tagttcttaa cttttttttt ctttatgtgt agtgttttca 60
156 tgctaccttg gtaggaaact tatttataaa ccatattaaa aggctaattt aaatataaat 120
157 aatataaagt gctctgaata aagcagaaat atattacagt tcattccaca gaaagcatcc 180
158 aaaccaccca aatgaccaag gcatatatag tatttgagg aatcaggggt ttggaaggag 240
159 tagggaggag aatgaaggaa aatgcaacca gcatgattat agtgtgttca ttagataaaa 300
160 agtagaaggc acaggagagg tagcaaaggc caggcttttc tttggttttc ttcaaacata 360
161 ggtgaaaaaa aactgccat tcacaagtca aggaac 396
163 <210> SEQ ID NO: 9
164 <211> LENGTH: 396
165 <212> TYPE: DNA
166 <213> ORGANISM: Homo sapiens
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <222> LOCATION: 321, 344
171 <223> OTHER INFORMATION: n = A,T,C or G
173 <400> SEQUENCE: 9
174 tcgacatcgc ggcaactttt tgcggattgt tcttgcttcc aggctttgcg ctgcaaatacc 60
175 agtgetacca gtgtgaagaa ttccagctga acaacgactg ctctccccc gagttcattg 120
176 tgaattgcac ggtgaacgtt caagacatgt gtcagaaaga agtgatggag caaagtgccg 180
177 ggatcatgta ccgcaagtcc tgtgcatcat cagcggcctg tctcatcgcc tctgccgggt 240
178 accagtcctt ctgctcccca gggaaactga actcagtttg catcagctgc tgcaacaccc 300
W--> 179 ctctttgttaa cggggccaag nccaaaaaaa ggggaaagt ctgncctcgg ccctcaggcc 360 OK

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180 agggctccgc accaccatcc tgttcctcaa attagc 396
182 <210> SEQ ID NO: 10
183 <211> LENGTH: 396
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo sapiens
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188 <221> NAME/KEY: misc_feature
189 <222> LOCATION: 115, 116, 117, 130, 138, 142, 143, 144, 145, 146, 153, 157,
190 158, 159, 160, 164, 175, 176, 177, 178, 179, 183, 187, 197,
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197 297, 303, 304, 305, 308, 315, 317, 318, 319, 320, 321, 322,
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199 391, 395
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203 cctttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
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W--> 205 tttttttttt aaaaaaangg gnnnnnnnttt ttcccnnnn gggngggggg ggggnnnnt 180
W--> 206 tttaaaaaaa aaaacnnnaa annnnnngggg nnnannnaah ncccccccc naancnntaa 240
W--> 207 aaaaannngg aaaaanagggg gggnaannnn nnggggggga aaattttttt ttttttnaag 300
W--> 208 ggnnnnggnaa aaaannnnnn naattttttt ttnnaahngg gnnaaaaaaa aaaaaaaaaa 360
W--> 209 atttttttngg gntnaggggn ngggggaaaa hcccha OK 396
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213 <212> TYPE: DNA
214 <213> ORGANISM: Homo sapiens
216 <400> SEQUENCE: 11
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218 atcaacattg tcgtcattgg acacgtagat tcgggcaagt ccaccactac tggccatctg 120
219 atctataaat gcggtggcat cgacaaaaga accattgaaa aatttgagaa ggaggctgct 180
220 gagatgggaa agggctcctt caagtatgcc tgggtcttgg ataaactgaa agctgagcgt 240
221 gaacgtggta tcaccattga tatctccttg tggaaatttg agaccagcaa gtactatgtg 300
222 actatcattg atgccccagg acacagagac tttatcaaaa acatgattac agggacatct 360
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225 <210> SEQ ID NO: 12
226 <211> LENGTH: 396
227 <212> TYPE: DNA
228 <213> ORGANISM: Homo sapiens
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232 cttctgtggt gtcatttctg aaacaagggc gtggatccct caaccaagaa gaatgtttat 120
233 gtcttcaagt gacctgtact gcttggggac tattggagaa aataaggtgg agtcctactt 180
234 gtttaaaaaa tatgtatcta agaattttct agggcactct gggaacctat aaaggcaggt 240
235 atttcggggc ctctcttcca ggaatcttcc tgaagacatg gcccgatcga agggccagga 300
236 tggcttttgc tgcggcccg tggggtagga gggacagaga gacagggaga gtcagcctcc 360

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237 acattcagag gcatcacaag taatggcaca attctt 396
239 <210> SEQ ID NO: 13
240 <211> LENGTH: 396
241 <212> TYPE: DNA
242 <213> ORGANISM: Homo sapiens
244 <400> SEQUENCE: 13
245 accacaggct ggccacaaga agcgtctggag tgtgtctggcg gctgcaggcc tacggggcct 60
246 ggtccggctg ctgcacgtgc gtgccggctt ctgtctgcggg gtcacccgag cccacaagaa 120
247 ggccatcgcc accctgtgct tcagccccgc ccacgagacc catctcttca cggcctccta 180
248 tgacaagcgg atcatcctct gggacatcgg ggtgcccaac caggactacg aattccaggc 240
249 cagccagctg ctcacactgg acaccacctc tatccccctg cgccctctgc ctgtgcctc 300
250 ctgcccggac gcccgctgc tggccggctg cgagggcggc tgctgtgct gggacgtgcg 360
251 gctggaccag ccccaaaaga ggaggggtgtg tgaagt 396
253 <210> SEQ ID NO: 14
254 <211> LENGTH: 396
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapiens
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260 gccgtgatgc ccagggaaga cagggcgacc tggaaagtcca actacttct taagatcatc 120
261 caactattgg atgattatcc gaaatgtttc attgtgggag cagacaatgt gggctccaag 180
262 cagatgcagc agatccgcat gtcccttcgc gggaaggctg tgggtgctgat gggcaagaac 240
263 accatgatgc gcaaggccat ccgagggcac ctggaaaaaca acccagctct ggagaaactg 300
264 ctgcctcata tccgggggaa tgtgggcttt gtgttcacca aggaggacct cactgagatc 360
265 agggacatgt tgctggccaa taaggtgcc a gctgct 396
267 <210> SEQ ID NO: 15
268 <211> LENGTH: 396
269 <212> TYPE: DNA
270 <213> ORGANISM: Homo sapiens
272 <220> FEATURE:
273 <221> NAME/KEY: misc_feature
274 <222> LOCATION: 333
275 <223> OTHER INFORMATION: n = A,T,C or G
277 <400> SEQUENCE: 15
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279 gatgaagact ctgctgctgt ttgtggggct gctgctgacc tgggagagt ggcaggtcct 120
280 gggggaccag acggtctcag acaatgagct ccaggaaatg tccaatcagg gaagtaagta 180
281 cgtcaataag gaaattcaaa atgcttgtca acggggtgaa acagataaag actctcatag 240
282 aaaaaacaaa cgaagagcgc aagacactgc tcagcaacct agaagaagcc aagaagaaga 300
W--> 283 aagaggatgc cctaaatgag accagggaaat canagacaaa gctgaaggag ctcccaggag 360 OK
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291 <220> FEATURE:
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294 144, 148, 163, 166, 172, 173, 174, 176, 177, 183, 184, 185,

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Use of n and / or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation is present
in the <220> to <223> fields of each sequence
using n or Xaa.

VERIFICATION SUMMARY

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L:16 M:270 C: Current Application Number differs, Wrong Format

L:39 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:73 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
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L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
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L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
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L:376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20

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L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21